

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference SE/21-23025	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/EP2005/050995	International filing date (day/month/year) 07/03/2005	(Earliest) Priority Date (day/month/year) 15/03/2004
Applicant CIBA SPECIALTY CHEMICALS HOLDING INC.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. _____

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2005/050995

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D211/94 C07C239/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
1 A	ANAND NATRAJAN ET AL.: "Production of 2-octenyl radicals from Fe(III).Bleomycin-mediated fragmentation of 10-hydroperoxy-8,12-octadecadienoic acid" JOURNAL OF ORGANIC CHEMISTRY., vol. 56, no. 18, 1991, pages 5239-5241, XP002295049 USAMERICAN CHEMICAL SOCIETY, WASHINGTON, DC. page 5240; table 1 ----- -/--	14

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *8* document member of the same patent family

Date of the actual completion of the international search

31 May 2005

Date of mailing of the international search report

10/06/2005

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2005/050995

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
(2) A	VINOD F. PATEL ET AL.: "Cobalt-mediated reactions in synthesis." JOURNAL OF THE CHEMICAL SOCIETY, PERKIN TRANSACTIONS 1., vol. 10, 1990, pages 2729-2734, XP002295050 GBCHEMICAL SOCIETY. LETCHWORTH. page 2733, column 1, paragraph 3	14
(3) Y	WO 03/045919 A (FREY MARKUS ; RAST VALERIE (CH); CIBA SC HOLDING AG (CH)) 5 June 2003 (2003-06-05) cited in the application page 11, line 29 - page 12, line 1; claims 1-4; examples 5,15,19,21	1-22
(4) Y	WO 01/92228 A (KIRNER HANS JUERG ; SCHAAF PAUL ADRIAAN V D (CH); SCHWARZENBACH FRANZ) 6 December 2001 (2001-12-06) cited in the application page 12, line 1; claims 1-19; examples 2,10	1-22
(5) Y	WO 00/21933 A (CIBA SC HOLDING AG) 20 April 2000 (2000-04-20) page 5, paragraph 3; claims 1-9; example 16	1-22
(6) Y	WO 03/053931 A (CIBA SC HOLDING AG ; PASTOR STEPHEN DANIEL (US); SHUM SAI PING (US)) 3 July 2003 (2003-07-03) claims 1-11; examples 12,13	1-22
(7) Y	JOSEPH E. BABIARZ ET AL.: JOURNAL OF ORGANIC CHEMISTRY., vol. 67, no. 19, 2002, pages 6831-6834, XP002295051 USAMERICAN CHEMICAL SOCIETY. EASTON. page 6832, column 1	1-22
(8) A	EP 0 389 431 A (CIBA-GEIGY AG) 26 September 1990 (1990-09-26) claims 1-22	16-20
(9) A	WO 03/050175 A (CIBA SPECIALTY CHEMICALS HOLDING INC; CAPOCCI, GERALD, ANTHONY; LELLI,) 19 June 2003 (2003-06-19) claims 1-20	16-20
(10) A	EP 0 754 723 A (CIBA SPECIALTY CHEMICALS HOLDING INC) 22 January 1997 (1997-01-22) claims 1-11	16-20

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2005/050995

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03045919	A	05-06-2003	AU 2002352057 A1	10-06-2003
			BR 0214429 A	03-11-2004
			CA 2464107 A1	05-06-2003
			WO 03045919 A2	05-06-2003
			EP 1463717 A2	06-10-2004
			US 2005104042 A1	19-05-2005
WO 0192228	A	06-12-2001	AU 6745201 A	11-12-2001
			CA 2407866 A1	06-12-2001
			CN 1430605 A	16-07-2003
			CZ 20024133 A3	16-04-2003
			WO 0192228 A2	06-12-2001
			EP 1284966 A2	26-02-2003
			JP 2003535080 T	25-11-2003
			SK 18112002 A3	03-06-2003
			TW 572896 B	21-01-2004
			US 2003171461 A1	11-09-2003
			US 2005043552 A1	24-02-2005
WO 0021933	A	20-04-2000	AT 270662 T	15-07-2004
			AU 6199699 A	01-05-2000
			BR 9914414 A	26-06-2001
			CA 2343786 A1	20-04-2000
			CN 1323296 A ,C	21-11-2001
			DE 69918565 D1	12-08-2004
			WO 0021933 A1	20-04-2000
			EP 1121347 A1	08-08-2001
			ES 2222731 T3	01-02-2005
			JP 2002527425 T	27-08-2002
			US 6211378 B1	03-04-2001
WO 03053931	A	03-07-2003	AU 2002363869 A1	09-07-2003
			CA 2468831 A1	03-07-2003
			WO 03053931 A1	03-07-2003
			EP 1456173 A1	15-09-2004
			US 2005085636 A1	21-04-2005
EP 0389431	A	26-09-1990	BR 9001307 A	02-04-1991
			CA 2012500 A1	21-09-1990
			DE 69008406 D1	01-06-1994
			DE 69008406 T2	25-08-1994
			EP 0389431 A2	26-09-1990
			JP 2289565 A	29-11-1990
			JP 2879160 B2	05-04-1999
			US 5019613 A	28-05-1991
WO 03050175	A	19-06-2003	AU 2002358584 A1	23-06-2003
			CA 2467711 A1	19-06-2003
			WO 03050175 A2	19-06-2003
			EP 1465943 A2	13-10-2004
			JP 2005511842 T	28-04-2005
			US 2003207969 A1	06-11-2003
EP 0754723	A	22-01-1997	AT 179442 T	15-05-1999
			BR 9603128 A	22-04-1998
			CA 2181665 A1	22-01-1997
			DE 59601754 D1	02-06-1999
			DK 754723 T3	08-11-1999

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Information on patent family members

International Application No

PCT/EP2005/050995

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0754723	A	EP 0754723 A1	22-01-1997
		ES 2132866 T3	16-08-1999
		JP 9031456 A	04-02-1997
		NO 963012 A	22-01-1997
		TW 390897 B	21-05-2000
		US 5977221 A	02-11-1999
		US 5919399 A	06-07-1999
		ZA 9606150 A	21-01-1997
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